

Instructions for Electronic Submission System (ESS) Oil and Gas Production Data Entry



west virginia department of environmental protection

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Introduction – Electronic Submission System

The Electronic Submission System (ESS) has been developed by WV DEP as an interface between the Agency and the regulated community to allow for the direct electronic linkage of information.

Several other industries have been using the system for several years with great success. The Office of Oil and Gas expects to expand our use of this system for oil and gas activities.

The ESS web page will explain the Sign up process.

ESS Home page: https://apps.dep.wv.gov/eplogin.cfm

The Security Administrator will serve a very important function in your organization, so read that carefully. The security administrator will assign rights to others in your organization, or to consultants that work on your behalf.

NOTE: If your organization already has a login for ESS that you obtained for purposes unrelated to oil and gas, you do not need to request a separate ESS login, examples of other ESS uses are below:

- Aboveground Storage Tank registration
- Water/Mining ePermitting
- Water/Mining eDMRs
- Other electronic forms for Water/Mining/Oil & Gas
- Air permit determination forms



Introduction



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Electronic Submission System

News

Released	Office	Application
12/10/2014	Electronic Submission System (ESS)	Mining's newest version of the Revision also now allows bonding and activation of inactive and new increments. Upon issuance of the application the increments will be activated.
10/22/2014	Electronic Submission System (ESS)	Mining's newest version of the Incidental Boundary Revision (IBR) and Amendment applications now allow bonding and activation of inactive and new increments. Upon issuance of the application the increments will be activated. There will be a Bulletin coming out with more details.
07/31/2014	System Maintenance	Network Outage tonight at 9:00pm, lasting no more than 15 minutes.
		ePermitting and eDMR will be unavailable beginning at 5pm on July 19, 2014, the WV Office of Technology (WVOT)

Electronic Submission System (ESS) is the preparation, delivery, review, correction, approval, and publication of permit application data by using web-based technologies to integrate industry, regulators and the public with a common interface. Information requirements are the same as the paper counterparts.

The only technical requirements are an Internet connection, an email account, and Microsoft's Internet Explorer (Version 6.0 or later).

NOTE:

You do not have to be signed up to access the Public Query.

- If you have never signed up for a log in and password, do so now by clicking here
 or the 'Sign Up' button.
- Once your information has been verified, an account will be set up for you in the system.
- You will be notified of your user id and password by email, usually within 72 hours.
- You will then have access to complete your Electronic Submissions online.

Account Login

■ Sign Up

Aboveground Storage Tanks (ASTs)

- Do I need to register?
- Registration
 User's Guide
- Sample Registration

ESS Guidance

- Sign Up Guidance
- Security Guidance

Mining

Tour

GeoTrust

West Virginia...

- General FAQ
- Maps
- eMaps

Beginning in 2015, for the reporting of 2014 oil and gas production data, the Office of Oil and Gas is requesting that operators report production data using the Electronic Submission System (ESS).

A login ID is required, instructions are available using the "Sign Up" option on login screen. Many companies will currently have a login ID.

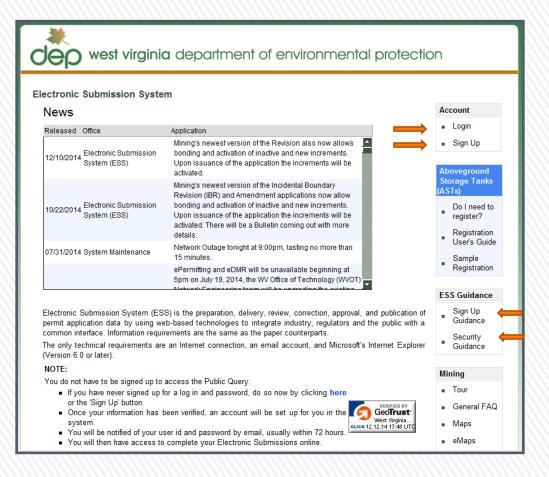
Navigate to ESS login screen: https://apps.dep.wv.gov/eplogin.cfm

Complete production reporting instructions and forms are available at:

http://www.dep.wv.gov/oil-andgas/rr/Pages/default.aspx

Be sure to read instructions for completing the WR-39e form. There are details that must followed.

Step 1: Login Screen



From the login screen at:

https://apps.dep.wv.gov/eplogin.cfm

If you have a currently have login ID, choose: "Login".

If you do not have login ID, choose "Sign Up". (See instructions on previous page.

See Sign Up Guidance and Security Guidance for further explanation.

Step 2: Login Screen



If you have a Microsoft Internet Explorer Browser higher than 9.0. Please follow these instructions:

Here are instructions to work around the problems we are having with Windows 7 or 8 and IE 10 or IE 11 whether it be marking a section complete and/or inputting lab to retrieve parameters for eDMR. Open IE 10 or IE 11. If the menus are not visible at the top of the browser, as the above picture, hit the 'Alt' key one time. Click on the menu item Tools'. There you will see to items, 'Compatibility View' and 'Compatibility View settings'. If you click on 'Compatibility View' it will set this mode for all web sites. If you use 'Compatibility View settings' you can put in specific URLs. Using one of these two settings will allow Windows 8 and IE 10 uses to work properly.

Friday December 12, 2014

"Promoting a Healthy Environment." Please use Microsoft Internet Explorer 6.0 through 9.0

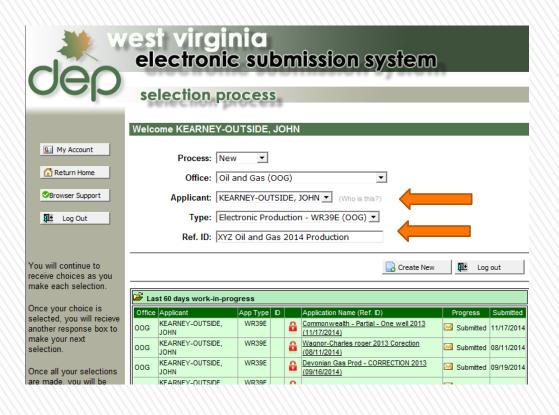
To login:

Enter Login ID and Password to enter site.

See these instructions about computer operating systems and browser compatibility



Step 3: Create New Screen for Data Entry



Pick the options as shown from "selection process" screen.

In the **Applicant** box, select your company (It will be an option after you have registered in ESS), or the companies which you have rights assigned to you.

The **Ref. ID** field is important and will be created by you, the Operator. This will name the data screen "application" and will identify it in the future.

Name your application in the format as shown.

Use your Company name, year and reference "production", or "Prod."

50 characters maximum in this field
Then, click "Create New"



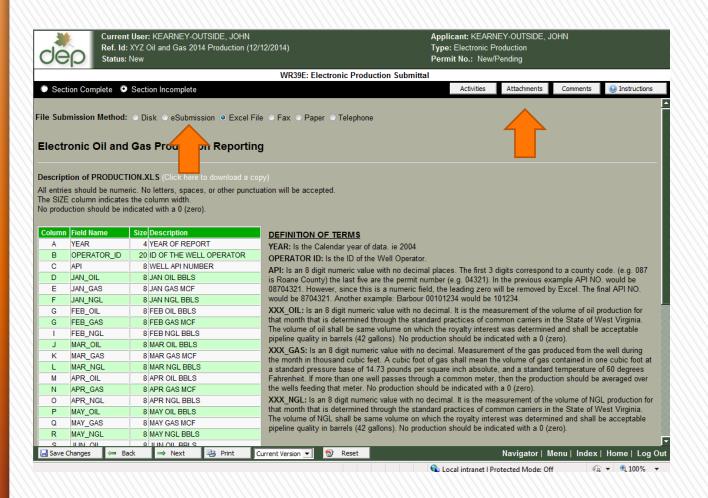
Step 4: Select Electronic Production Submittal



Select "Electronic Production Submittal"

This will take you to Electronic Production Submittal page.

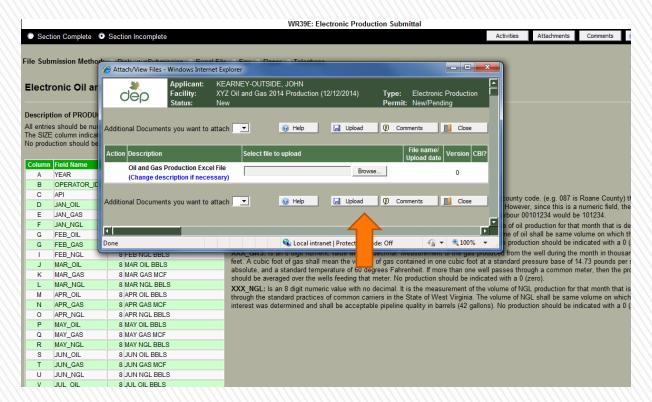
Step 5: Upload Production Data File



Select "eSubmission" for File Submission Method.

Then choose "Attachments" to load your production Excel file, form WR-39e.

Step 6: Browse to Data File, Upload File



Use the upload screen to navigate to your WR-39e spreadsheet on your computer. Use the Browse button.

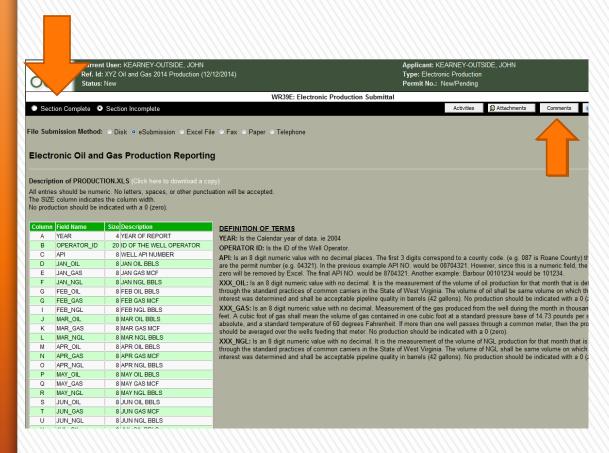
After selecting your file, click "Upload"

Note: Your file name <u>CAN</u>
<u>NOT</u> contain special characters, like " & \$ # @"

If your company name is like "XYZ Oil & Gas", spell out the word "and".

It will not accept the "&" symbol.

Step 7: Selection Complete



After you hit "Upload" you will see a message that the file is uploading.

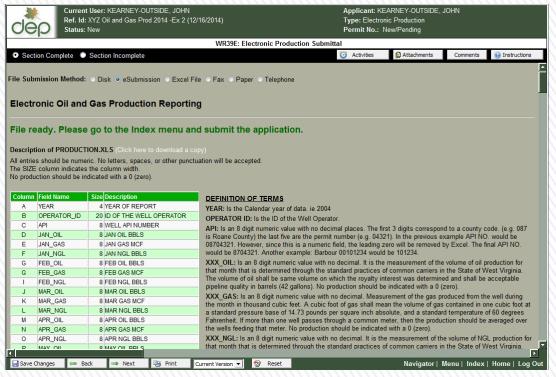
When the file is uploaded, it will return to this screen.

"Comment" Button: If you would like to add a comment about your file, use the "Comment" button now. If you are submitting one file, and nothing unusual is occurring, no comments would be needed.

If you are sending in a correction file, a second file, an update, or anything else unusual, add a comment explaining the situation.

When ready to submit, select "Section Complete" button.

Step 8: Validation



The system now checks the accuracy of your data file.

If there are no problems with your data, this screen appears.

If "Errors" or "Warning" statements appear, you may have to edit your file. Discussion of this is in slides below.

In this example, there are no errors or warnings, all is good, so proceed to next step.

Select "Menu" below.



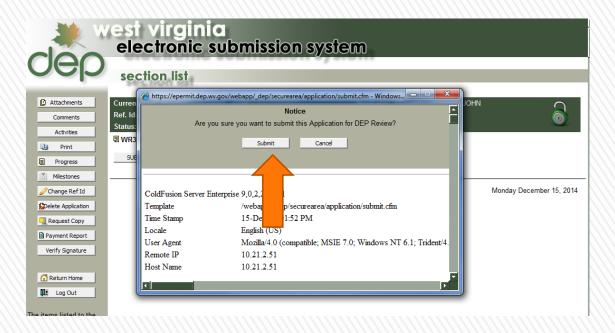
Step 9: Submit Data



This screen appears.

Now select "Submit Application"

Step 10: Submit Button



This confirmation screen appears.

Select the "Submit" button.

The data is now uploading. This may take a few seconds, up to a minute.

Do not disturb this process.

Step 11: Complete



After successful upload, this screen appears.

You will notice that the "padlock" has turned red in color. This indicates that this application is complete on your end, and that no further changes can be made by you.

On all screens prior to this, the padlock was green. That indicates changes can be made by you.

If any changes are needed to be made by you, after the padlock is red, the WVDEP must unlock it.

Congratulations. You have successfully uploaded your annual production data!!

You will receive email confirmation.

Errors and Warnings

The ESS system will check the accuracy of data that is being reported by you. It will report back to you problems, in the form of "Errors" and "Warnings" on the screen shown at Step 8. These can be corrected by you prior to submitting your data. Instructions on correcting these are in slides below.

Errors – Errors are problems that will not allow importation of data. We can break errors into two categories: Mistakes (or typos) in your data file, and errors related to conflicts of real data.

- Common errors related to your mistakes in your data include:
 - Typos, or incorrect Operator ID or API numbers. If these numbers reported by you are not in our system, they cannot be reported on. You probably made a mistake or typo.
 - WR-39e file format issues. Letters, symbols, negative numbers in the data, or extra data fields, like totals, or well numbers, are not allowed in the production data fields. Only numbers are allowed. Please see the instructions for completing the WR-39e form.
 - Blank lines of data below the data field headers. The computer sees the header line and looks for real data below this line, any non-numbers below this line will cause errors.
- "Real" problems include:
 - Listing NGL data on wells that are not Horizontal H6A wells. These are the only wells we accept NGL data on.
 - API number of wells do not exist.
 - Operator does not exist.

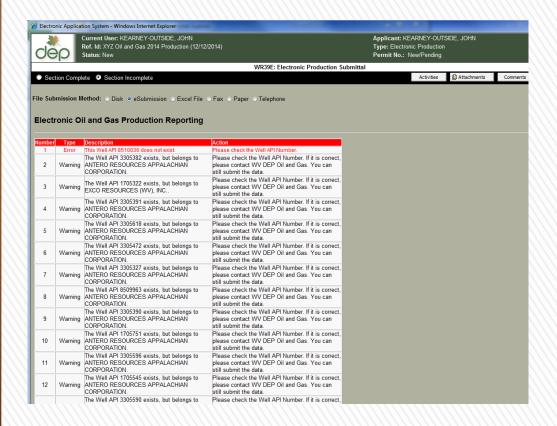
Errors and Warnings

Warnings – Warnings are conflicts of data, but will allow the data to be imported. As with errors, warnings can be grouped into typo-like mistakes in the data, or "real" errors.

- Common warnings caused by data mistakes can be:
 - Mistyping an Operator ID or API, but this number exists in our system, it will give you a warning about ownership because you've given it the wrong numbers. Check to see if you have entered the correct numbers or made a typo.
 - Typos can give you warnings about the well status, such as a plugged well. Again, it is because you gave it the wrong well API.
- "Real" data warning problems occur when your have entered information correctly, but there is a conflict with ownership, well status (plugged), type of well (UIC).
 - Ownership conflicts can be caused by a variety of factors, including:
 - The well was sold the year of reporting and you are reporting a partial year's production. This is acceptable, proceed with importing.
 - You recently sold the well and transfer is not yet completed, proceed with importing.
 - Ownership has changed, but for whatever reason, transfer has not been completed, either recently or historically. If you are confident you are reporting on the correct well, you may import data. Then you can follow up on correcting your wells that are on your bond and fix these discrepancies. This is the time to correct these well lists. Contact OOG to assist in correcting these.
 - Well Status.
 - It is fairly common to report production on plugged wells. This is often caused by historical plugging permits that were cancelled and not plugged, but the well status says plugged (or reporting the wrong well.) Review these and if you are sure the well is not plugged, submit the data and follow up to correct your well.



Errors and Warnings



Here is an example of an error and warnings would that appear at Step 8, after you upload the data.

After you select "Section Complete", the system uploads your data and performs validation on the correctness of your data. It checks the records in your file against the records in our database about your wells.

If differences, or errors, are discovered, a report of these problems are presented, as shown here.

It will be a good practice to use these warnings to check the quality of your well records, your production file, historical well statuses, and the completeness of our database.

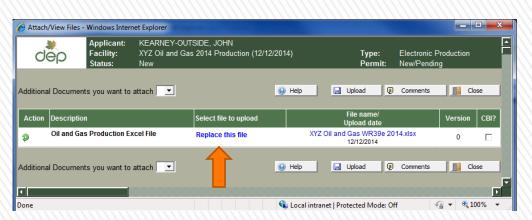
This example has an error that one well does not exist. This was most likely a typo. Go to your WR-39e file and make the correction on this API number.

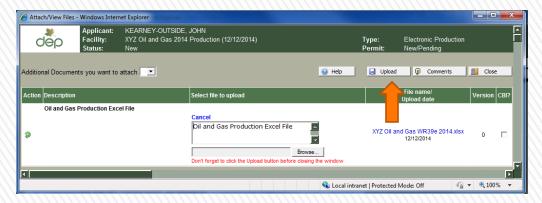
There are warnings that the wells belong to another company. In this example the WR-39e file contains the wrong operator ID, the wells are not registered to this operator. This company had changed their official name but used their old Operator ID. The correction here is to change Operator ID to the new, correct Operator ID number.

Make corrections on your file, on your computer, save them, then reload as shown in the next slides.

Corrections – Reload the File







After making needed corrections on your WR-39e file:

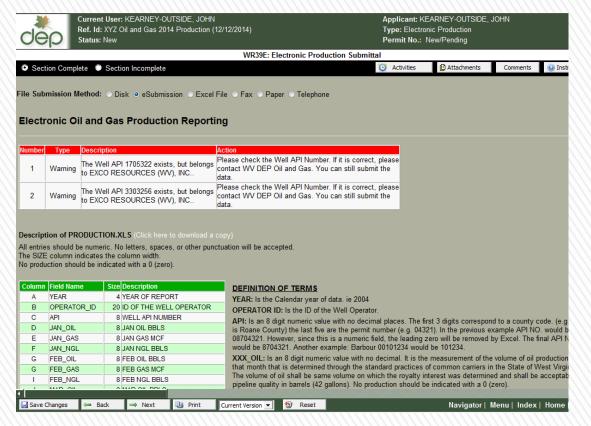
Select "Attachments" to load corrected file.

Select "Replace this file"

This screen comes up, Browse again to load your corrected file

Hit "Upload" again, then "Section Complete" button.

Corrected Data Check



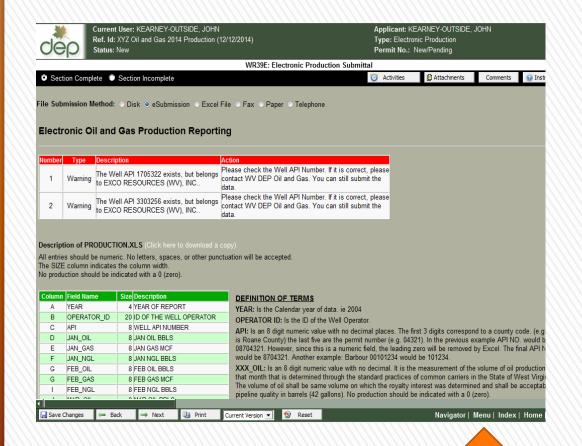
After uploading corrected file, these warnings came up.

This warning shows the current operator listed in our database is not the operator listed in the Excel file (by the Operator ID). This is a common occurrence.

Use this warning to check your data.

- Did you incorrectly list the API number (typo? not recorded correctly) ?
- Were these wells purchased from this operator?
- 3. Were transfers requested to WVDEP?
- 4. Were there problems with the transfers?
- Do these wells belong to an affiliated, or sister company? If so, use that company's Operator ID.
- 6. Is the Operator ID listed correctly?

Submit Corrected Data



At this point the operator has determined that these wells do in fact belong to them.

To facilitate the timely submission of data, it is acceptable to submit this file. After submission of data, the operator will contact the Office of Oil and Gas to begin the correction process of wells with warning statements.

This will most like involve submission of form OP-77 to transfer wells. There are several scenarios of why these types of warnings may occur. The Office of Oil and Gas will assist you to correct them.

When you are ready to submit, click the "Menu" button

You can view the wells that are registered to you at:

https://apps.dep.wv.gov/oog/wellsearch new.cfm



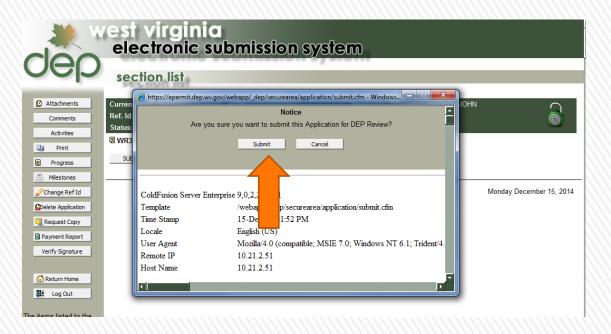
Resubmit Data



As shown in Step 9 above, the "Submit Application" screen appears.

Now select "Submit Application"

Resubmit Button - Confirm



This confirmation screen appears.

Select the "Submit" button.

The data is now uploading. This may take a few seconds, up to a minute.

Do not disturb this process.

Corrections Complete



After successful upload, this screen appears.

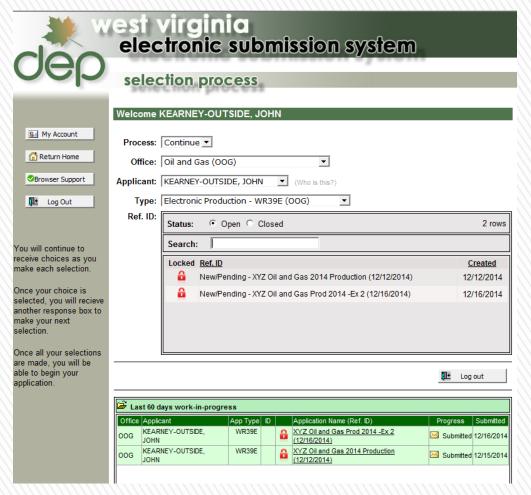
The system has accepted your data submission.

The person logged-in will receive an automatic email listing the warnings on wells you submitted. You can review your records and work on corrections to WVDEP records.

You will notice that the "padlock" has turned red in color. This indicates that this application is complete on your end, and that no further changes can be made by you.

This will complete your data submission.

Saving Work and Returning Later



NOTE:

The ESS allows you to leave the leave the system (prior to submitting data) and come back later to complete your data entry.

If you logout prior to Step 9 above, you may log back in. On login, you can choose "Continue" in the Process box, choose these options, and return to the Pending applications you created earlier

This may be useful if you have well data to correct prior to final submission.

It will show only the work you created.

Final Instruction

If you find there are many warnings, one option is to go back to your WR-39e file, cut out the problem wells, paste them to another WR-39e file, give it a unique name, and submit your good data while you work on your corrections.

You just have to give the file and the ESS submittal a unique name.

You will receive an email confirmation of data submittal.

You can check the DEP list of wells that are registered to you at:

https://apps.dep.wv.gov/oog/wellsearch new.cfm

Again, Thank You for using the WV DEP's Electronic Submission System.

We have plans to continue, and expand, this type of direct data submission from the regulated community to the WV DEP. Our data handling systems will continue to evolve, and we hope to gain many advantages and efficiencies in our operations by using these type of systems. We expect these improvements will aid in your operations as well.